

Terrace Water Company
DWR Water-Energy Grant Application
Attachment 1 – Ground Water Management Compliance

Project Agency Contact Information:

Terrace Water Company
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Project Location:

See Map on next page

Latitude: 34.075843°
Longitude: -117.339645°

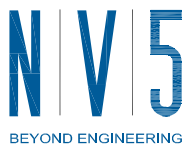
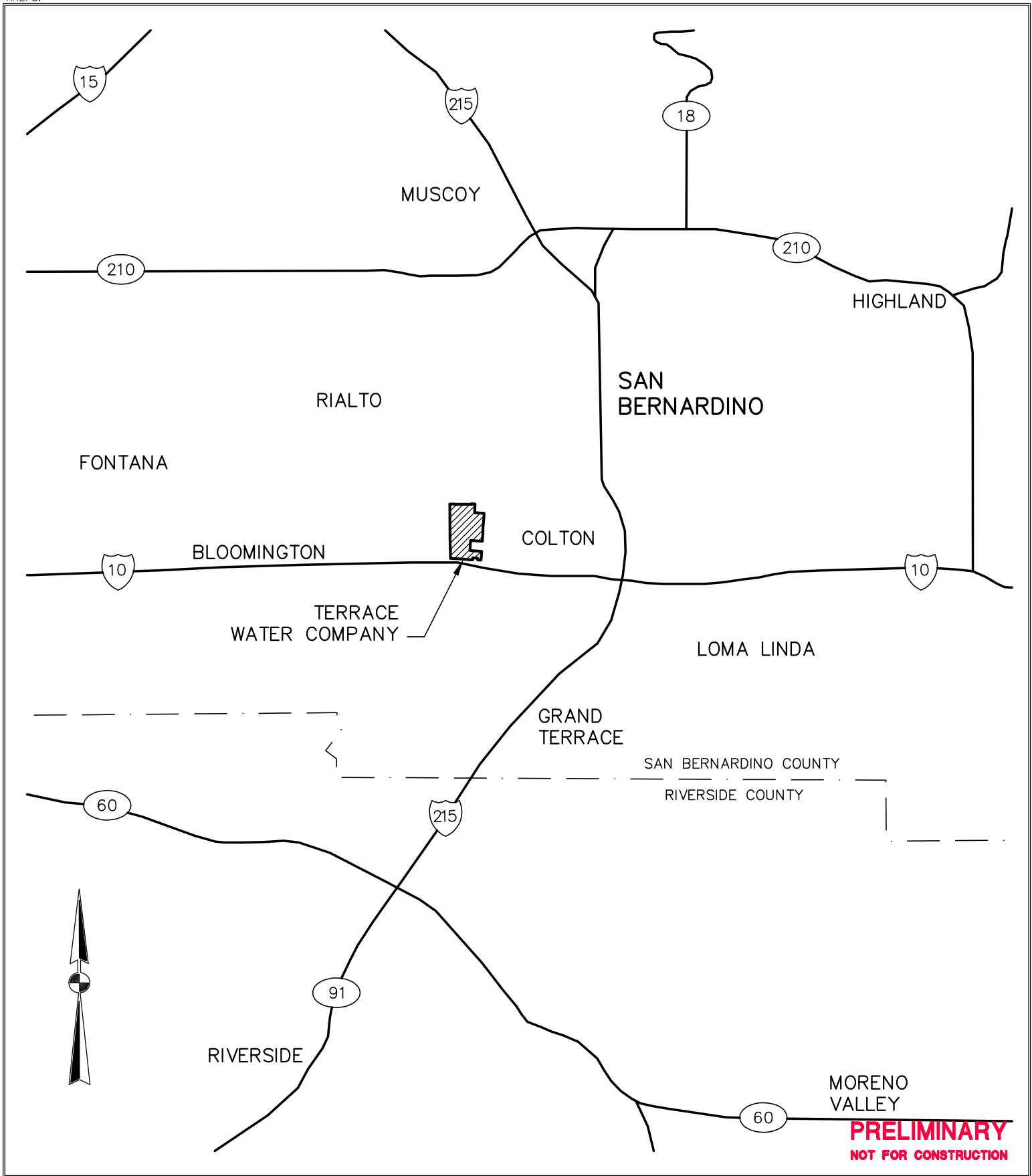
GIS shapefile is available on request. (GIS shapefile could not be uploaded to GRantS)

Groundwater Basin Information:

Project overlies the Upper Santa Anna Valley Basin, Rialto-Colton Subbasin
(Basin Number 8-2.04)

This basin is designated as a Medium-Priority Basin

This is an Adjudicated Groundwater Basin. The Watermaster is designated as “Representatives from San Bernardino Valley Municipal Water District & Western Municipal Water District.”



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DWR WATER-ENERGY GRANT APPLICATION

VICINITY MAP

PREPARED FOR: TERRACE WATER COMPANY DATE SUBMITTED: DEC 2014

JOB NUMBER
 SDB083601

CASGEM BASIN SUMMARY

Hydrologic Region: South Coast
 South Region Office (SRO)
 Basin Area: 30224 acres (47.2 miles)
 2010 Population: 145832

Basin: UPPER SANTA ANA VALLEY
 Sub_Basin: RIALTO-COLTON
 Basin Number: 8-2.04
 Date: 5/30/2014

DATA COMPONENT RANKING VALUE TABLE

Data Component	Ranking Range (R)	Units	Ranking Value	Confidence Adjustment	Average of Components	Adjusted Ranking Values
1. Population	$2500 \leq R < 4000$	persons/sq-mi	4			4
2. Population Growth	$0 \leq R < 6$	percent	1			1
3. Public Supply Wells	$0.5 \leq R < 1.0$	wells/sq-mi	4			4
4. Total Wells	$5 \leq R < 10$	wells/sq-mi	3	2.25		2.25
5. Irrigated Acreage	$1 \leq R < 25$	acres/sq-mi	1			1
6. GW Reliance	GW Use $0.25 \leq R < 0.5$ % of Total Supply $40 \leq R < 60$	acre-foot/acre percent	3 3		3	3
7. Impacts*	--	--	3			3
8. Other Information**	--	--	0			0
Overall Basin Ranking Score	$13.42 \leq R <$	--				18.3

Overall Basin Priority: Medium

Very Low Ranking Range	Low Ranking Range	Medium Ranking Range	High Ranking Range
Range < 5.75	$5.75 \geq \text{Range} < 13.42$	$13.43 \geq \text{Range} < 21.08$	Range ≥ 21.08

Data Sources and Calculation Notes:

1. Population: Department of Finance 2010 census data.
2. Population Growth: Department of Finance 2010 census data projected to 2030.
3. Public Supply Wells: Department of Public Health, 2012 Drinking Water Supply Database.
4. Total Wells: DWR 2012 Well Master database.
5. Irrigated Acreage: DWR, most recent land use projection and public comment feedback.
6. Groundwater Reliance: DWR, most recent land use projection and public comment feedback.
7. Documented Impacts: DWR Region staff review of DWR Bulletin 118-2003, Groundwater Management Plans, public comment feedback, or other readily available published information.
8. Other Information: DWR Region staff review of DWR Bulletin 118-2003, Groundwater Management Plans, public comment feedback, or other readily available published information.
9. Data component values were reduced by 25% due to data confidence, prior to calculating total groundwater basin ranking value.
10. Overall Basin Ranking = Population + Population Growth + Public Supply Wells + (Total Wells x .75) + Irrigated Acreage + (Groundwater Use + % of Total Supply)/2 + Impacts + Other information

Notes on UPPER SANTA ANA VALLEY Basin

* Impacts: Extensive perchlorate contamination in basin.

**Other Information: None